| <br> | Claims |  |
|------|--------|--|
|      |        |  |

| Application/Control No | Appli | icati | on/Co | ntro | ΙN | 0 |
|------------------------|-------|-------|-------|------|----|---|
|------------------------|-------|-------|-------|------|----|---|

10/733,385 Examiner

Date

Gregg Cantelmo

Applicant(s)/Patent under Reexamination

SUZUKI ET AL.

1745

|   | √ | Rejected |
|---|---|----------|
|   |   |          |
| 1 | _ | Allowed  |

| _ | (Through numeral) Cancelled |
|---|-----------------------------|
| ÷ | Restricted                  |

Claim

| N | Non-Elected  |
|---|--------------|
| 1 | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla    | im   | Date         |              |          |          |                                     |              |              |              |                        |  |
|--------|--|--------------|--------------|----------|----------|-------------------------------------|--------------|--------------|--------------|------------------------|--|
| Final  | Original   | 4/21/06      |              |          |          |                                     |              |              |              |                        |  |
|        | ļ  | 4            |              |          |          |                                     |              |              |              |                        |  |
|        |  | ├            |              | _        | _        | _                                   | -            | -            | -            |                        |  |
|        | 1  | -            | -            |          |          | _                                   |              |              |              | $\dashv$               |  |
|        | 1  | $\vdash$     | -            |          | -        | _                                   | —            |              |              | $\dashv$               |  |
|        | 7  | ┝            | _            | _        |          |                                     | -            | _            | -            | $\vdash$               |  |
|        | 7  | $\vdash$     | _            |          | -        | H                                   | _            | $\vdash$     | <del> </del> | -                      |  |
|        | +  | $\vdash$     |              |          | $\vdash$ | ┢                                   | _            | -            | -            | Н                      |  |
|        | 100 100 100 100 00   | $\vdash$     |              |          |          | -                                   |              |              | -            | Н                      |  |
|        | 3  |              |              |          | _        | Τ.                                  |              | Т            |              | Н                      |  |
|        |  | Т            | _            |          |          | Г                                   |              |              |              | П                      |  |
|        | 1  |              |              |          | _        |                                     |              |              |              | $\Box$                 |  |
|        | 1 <u>1</u>   |              |              |          |          |                                     |              |              | Г            | $\Box$                 |  |
|        | 1 <b>B</b>   |              |              |          |          |                                     |              |              |              |                        |  |
|        | 14   |              |              |          |          |                                     |              |              |              |                        |  |
|        | 1\$  |              |              |          |          |                                     |              |              |              |                        |  |
|        | 16   |              |              |          |          |                                     |              |              |              |                        |  |
|        | 17   |              |              |          |          |                                     |              |              |              |                        |  |
|        | 1β   |              |              |          |          |                                     |              |              |              |                        |  |
|        | 19   |              |              |          |          |                                     |              |              |              |                        |  |
|        | <b>2</b> 0   |              |              |          |          |                                     |              |              |              |                        |  |
|        | 21   | L            |              |          |          |                                     |              |              |              |                        |  |
|        | <b>4</b> 2   | L            | _            | <u> </u> | <u> </u> | _                                   |              |              | <u> </u>     |                        |  |
|        | 43   |              | _            | _        | <u> </u> | <u> </u>                            | <u> </u>     | _            | <u> </u>     |                        |  |
|        | 34   | <u> </u>     | <u> </u>     | <u> </u> | <u> </u> | ┡                                   | <u> </u>     | _            | <u> </u>     |                        |  |
|        | 40   | ⊢            | -            |          |          | _                                   | -            | <u> </u>     | ⊢            |                        |  |
|        | 40   | ┢            | _            | _        |          | ⊢                                   | ⊢            | <del> </del> | ├            |                        |  |
|        | 36   | ⊢            | $\vdash$     | $\vdash$ | ├─       | ┝╌                                  | ┝            | ┢            | ┢            | _                      |  |
| (1)    | 20   | 늘            |              |          | ┢        | ┢                                   | ┢            | -            | -            |                        |  |
| (3)    | 30   | Ī            |              | $\vdash$ |          | $\vdash$                            | -            |              | -            | $\dashv$               |  |
| 1300 B | 31   | =            | ┢            | H        | $\vdash$ | H                                   | $\vdash$     | ┢┈           | $\vdash$     | Н                      |  |
| ب      | 32   |              | $\vdash$     |          | _        | $\vdash$                            | $\vdash$     | <u> </u>     | ┢            | Ħ                      |  |
|        | 33   |              |              |          |          |                                     |              |              |              | П                      |  |
|        | 34   |              |              |          |          |                                     |              |              |              | П                      |  |
|        | 35   |              |              | Г        | Г        |                                     | Г            |              |              |                        |  |
|        | 12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>26<br>27<br>28<br>29<br>30<br>31<br>32<br>33<br>34<br>35<br>36<br>37<br>38 |              |              |          |          |                                     |              |              |              |                        |  |
|        | 37   |              |              |          |          |                                     |              |              |              |                        |  |
|        | 38   | $oxed{\Box}$ |              |          | <u> </u> |                                     |              |              |              | Ш                      |  |
|        | 39   | ļ            |              |          | L.       | _                                   | <u> </u>     | <u> </u>     |              |                        |  |
|        | 40   | 1            | _            | L        | L        | _                                   | L_           | <u> </u>     | <u> </u>     | Ш                      |  |
|        | 41   |              | <u> </u>     | <u> </u> | <u> </u> | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | $\vdash$     | $\vdash$     | _            | Щ                      |  |
|        | 42   | _            | <u> </u>     | <u> </u> | <u> </u> | ļ                                   | ├_           | <b>!</b>     | ⊢            | Щ                      |  |
|        | 43   | <u> </u>     | -            | <u> </u> | <u> </u> | $\vdash$                            | $\vdash$     | <del> </del> | <u> </u>     | Щ                      |  |
|        | 44   | Ь.           |              | ├-       |          | $\vdash$                            | <del> </del> | ├-           | _            | $\vdash \vdash \mid$   |  |
|        | 45   | <del> </del> | <del> </del> | $\vdash$ | ⊢-       | ├                                   | -            | ├—           | $\vdash$     | $\dashv$               |  |
|        | 46   | H            | <u> </u>     | $\vdash$ | -        | ├-                                  | ├-           | -            | -            | $\vdash \vdash \vdash$ |  |
|        | 47<br>48   | $\vdash$     | -            | -        |          | $\vdash$                            | $\vdash$     | ⊢            | ├            | $\vdash\vdash$         |  |
|        | 48   | H            | $\vdash$     | -        | $\vdash$ | ⊢                                   | $\vdash$     | ├-           | ├            | $\vdash\vdash$         |  |
|        | 50   | $\vdash$     | -            |          | $\vdash$ | $\vdash$                            | $\vdash$     | $\vdash$     | $\vdash$     | Н                      |  |
|        | 20   |              |              |          |          | <u> </u>                            | L_           | <u> </u>     | <u> </u>     | Ш                      |  |

| - 1- | _     |          | -                  |   |              | $\overline{}$ |            |              |               | $\overline{}$                             | _            |
|------|-------|----------|--------------------|---|--------------|---------------|------------|--------------|---------------|---|--------------|
|      | Final | Original |                    |   |              |               |            |              |               |   |              |
| ŀ    |       | 51       | Н                  | Н   | H            | H             | Н          | Н            |               | Н   | -            |
| ŀ    |       | 51<br>52 | Н                  | П   |              | П             | П          | Н            |               | П   |              |
| t    |       | 53       | Н                  |   |              |               | Н          | П            | П             | П   |              |
| t    |       | 53<br>54 |                    |   |              | Г             | П          | П            |               | П   |              |
| t    |       | 55       | П                  |   |              |               |            |              |               |   |              |
| t    |       | 56       |                    |   |              |               |            |              |               |   |              |
| ľ    |       | 57       |                    |   |              |               |            |              |               |   |              |
| ľ    |       | 58       |                    |   |              |               |            |              |               | Ĺ   | Ľ            |
| ſ    |       | 59       | Ĺ                  | تا  | Ĺ            | Ĺ             |            |              | لَــا         | LĨ  | Ĺ            |
| ſ    |       | 60       | $\Box$             | تا  | Ĺ            | Ĺ             |            |              | ╚             |   | Ĺ            |
|      |       | 61       | Ĺ                  | لَــا                                     | لَــا        | لـــا         |            | لَــــا      |               | $\Box$                                    |              |
|      |       | 62<br>63 | Ĺ                  | لَــــا                                   | Щ            | igsqcut       | $\square$  | Ш            |               | Ш   | <u>_</u>     |
|      |       | 63       | $oxedsymbol{oxed}$ | تـــا                                     | لـــا        | L             | ot         | $\Box$       |               | $\sqcup$                                  | <u> </u>     |
| 1    |       | 64<br>65 | Ш                  | Ш   | <b> </b>     | <u> </u>      | <u> </u>   |              | Ш             | <u> </u>                                  | <u> </u>     |
| L    |       | 65       | <u> </u>           | $\sqcup$                                  | <u> </u>     | L_            | <u> </u>   | <u> </u>     |               |   | <u> </u>     |
| 1    |       | 66       | <u> </u>           | Н   | $\vdash$     | Щ             | <u> </u>   | <u> </u>     | Щ             | $\vdash$                                  | <u> </u>     |
| -    |       | 67       | $\vdash$           | $\vdash$                                  | <b> </b>     | <u> </u>      | <u> </u>   | $\vdash$     | Щ             | <u> </u>                                  | _            |
| -    |       | 68       | <u> </u>           | <u> </u>                                  | <del> </del> | <del> </del>  | <u> </u>   | L            | Н             | $\vdash$                                  | ļ            |
| 1    |       | 69       | $\vdash$           | $\vdash$                                  | $\vdash$     | H             | $\vdash$   | $\vdash$     | $\vdash$      | <u> </u>                                  | <u> </u>     |
| 1    |       | 70       | <u> </u>           | $\vdash$                                  | $\vdash$     | $\vdash$      | $\vdash$   | $\vdash$     | Н             | <b> </b>                                  | $\vdash$     |
| -    |       | 71       | $\vdash$           | <u> </u>                                  | <del> </del> | $\vdash$      | $\vdash$   | H            | Н             | $\vdash$                                  | <u> </u>     |
| -    |       | 72<br>73 | <u> </u>           | -   |              | -             | <b> </b> - | -            | $\vdash$      | <u> </u>                                  | $\vdash$     |
| 1    |       | 74       | <u> </u>           | -   | -            | $\vdash$      | $\vdash$   | H            | -             |   | $\vdash$     |
| -    |       | 74       |                    | $\vdash$                                  | -            | $\vdash$      | H          | $\vdash$     | $\vdash$      | <del> </del>                              | $\vdash$     |
| ŀ    |       | 75<br>76 | <del> </del>       | $\vdash$                                  | $\vdash$     | ⊢             | $\vdash$   | -            | -             | <del> </del>                              | $\vdash$     |
| 1    |       | 77       | $\vdash$           |   | $\vdash$     | $\vdash$      | -          | H            | H             | $\vdash$                                  | <del> </del> |
| 1    |       | 79       | $\vdash$           |   | -            | $\vdash$      | $\vdash$   | $\vdash$     | H             |   | $\vdash$     |
| 1    |       | 78<br>79 |                    | -   |              | <del> </del>  | $\vdash$   | H            | Н             |   | $\vdash$     |
| +    |       | 80       |                    | -   |              | 1             | H          | Н            | H             |   | f            |
| ŀ    |       | 81       |                    | $\vdash$                                  |              | Н             | Н          | Н            | П             |   | T            |
| ŀ    |       | 82       |                    | $\vdash$                                  |              | $\vdash$      | Г          |              | П             |   | Г            |
| +    |       | 83       |                    | $\vdash$                                  |              |               | Г          |              | П             |   |              |
| ł    |       | 84       |                    | $\vdash$                                  | $\vdash$     |               | Г          | <u> </u>     | М             | Г   | -            |
| t    |       | 85       | Г                  | <u> </u>                                  | $\vdash$     | П             | Г          |              |               |   | T            |
| t    | •     | 86       |                    | Ι_  | П            | П             | Г          | Г            |               |   |              |
| t    |       | 86<br>87 |                    | Г   | $\Box$       |               |            | Г            |               |   |              |
| t    |       | 88       |                    | Г   |              |               |            |              |               |   |              |
| t    |       | 89       |                    | Г   |              |               |            |              |               |   |              |
| ı    |       | 90       |                    |   |              |               |            |              |               |   |              |
| I    |       | 91       |                    | $\Box$                                    |              |               |            |              |               |   |              |
| I    |       | 92       |                    | 匚   |              | 匚             |            |              |               | 匚   |              |
|      |       | 93       |                    | 匚   |              |               | Ĺ          |              |               |   |              |
|      |       | 94       | Ĺ                  | oxdot                                     | $\bar{L}$    | 匚             | Ĺ          |              | لا            | Ĺ   | Ĺ            |
|      |       | 95       | L                  | $oxedsymbol{oxedsymbol{oxedsymbol{eta}}}$ | $\Box$       | $\Box$        | oxdot      | $oxed{oxed}$ | لَــا         | $oxedsymbol{oxedsymbol{oxedsymbol{eta}}}$ |              |
|      |       | 96       | <u> </u>           | $\bigsqcup$                               | _            | <u> </u>      | igsqcup    | igsqcut      | Ш             | <u></u>                                   | <u> </u>     |
| Ĺ    |       | 97       | Ļ.                 | Ĺ   | الـــا       | igsqcup       | <u> </u>   | L            | $\square$     | <u> </u>                                  | <u> </u>     |
|      |       | 98       | _                  | Ľ   | Ĺ            | $\vdash$      |            | $\vdash$     | اَـــا        | <u> </u>                                  | <u> </u>     |
|      |       | 99       | L                  | <u> </u>                                  | <u> </u>     | $\vdash$      | $\vdash$   | لـــا        | $\sqsubseteq$ | lacksquare                                | <u> </u>     |
| 1    | ]     | 100      | L                  | 1   |              |               |            |              |               | l i                                       | 1            |

| Cla          | aim   |  |          |               | [  | Date         | =            |               |              | $\Box$  |
|--------------|---|--|----------|---------------|--|--------------|--------------|---------------|--------------|---|
|              |   |  |          |               |  |              |              |               |              |   |
| <del></del>  | Original  |  |          |               |  |              |              |               |              |   |
| Final        | ġ   |  |          |               |  |              |              |               |              |   |
| ш            | ō   |  |          |               |  |              |              |               |              |   |
|              |   | Щ  |          |               |  |              |              |               |              |   |
|              | 101   |  |          |               |  |              |              |               |              |   |
|              | 102   |  |          |               |  |              |              |               |              |   |
|              | 103   |  |          |               |  |              |              |               |              |   |
|              | 104   |  |          | $\overline{}$ | $\vdash$   |              |              |               | П            | П   |
| $\vdash$     | 101<br>102<br>103<br>104<br>105<br>106                      | $\vdash$   |          |               | Н  | _            |              |               | Н            | Н   |
| -            | 106   | Н  |          | -             |  | H            | _            | $\vdash$      | _            | $\vdash$                                      |
|              | 100   | Н  |          | Ŀ             |  | _            |              |               |              | Н   |
|              | 107   | Ш  |          | $\vdash$      | _  |              |              |               | <u> </u>     | Н   |
|              | 107<br>108<br>109   |  |          |               |  |              | $oxed{oxed}$ |               | <u> </u>     | Ш   |
|              | 109   |  |          |               |  |              |              |               |              | Ш   |
|              | 110   |  |          |               |  |              |              |               |              |   |
|              | 111   |  |          |               |  |              |              |               |              |   |
| $\vdash$     | 110<br>111<br>112<br>113                                    | Н  | _        |               |  |              |              |               |              | М   |
| $\vdash$     | 112   | $\vdash$   |          | $\vdash$      | <del>  -</del>                                   | Н            | Н            | $\vdash$      | ┢            | $\vdash$                                      |
| $\vdash$     | 111   | Н  | _        | -             | $\vdash$   | $\vdash$     | <del></del>  | $\vdash$      | $\vdash$     | $\vdash\vdash$                                |
| <del> </del> | 114<br>115<br>116   | Н  |          | $\vdash$      |  | $\vdash$     |              | -             | $\vdash$     | $\vdash$                                      |
| <u> </u>     | 115   | Ш  |          |               | _  | <u> </u>     | ļ            | ļ             | <u> </u>     | Ш   |
| <u> </u>     | 116   | Ш  |          | <u> </u>      | L  | L.           | L.,          | _             | <u> </u>     | Ш   |
|              | 117   |  |          | <u> </u>      |  | L            | oxdot        |               | <u> </u>     | Ш   |
|              | 117<br>118<br>119<br>120<br>121                             |  |          |               |  |              |              |               |              |   |
|              | 119   |  |          |               |  |              |              |               |              | $\Box$  |
|              | 120   |  |          |               |  |              |              |               |              |   |
|              | 121   | -  |          | $\vdash$      |  | $\vdash$     | $\vdash$     |               | _            | Н   |
|              | 122   | H  | -        |               | ├  | ├─           | <del> </del> | H             | -            | $\vdash$                                      |
|              | 122   |  | <u> </u> | -             | -  | ⊢            | ┝            | ├             |              | ╫   |
|              | 122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130 |  | _        | $\vdash$      | _  | <u> </u>     | _            | Щ             |              | $\vdash$                                      |
|              | 124   |  | _        | <u></u>       | <u> </u>   |              | Ь.           | $\perp$       |              |   |
|              | 125   |  |          | L             |  | 匚            |              | L             |              | Ш   |
|              | 126   |  |          |               |  |              |              |               |              |   |
|              | 127   |  |          |               |  |              |              |               |              |   |
|              | 128   | Г  |          |               |  |              |              |               |              |   |
|              | 129   |  |          |               | _  |              |              | $\overline{}$ |              | $\Box$  |
|              | 130   | $\vdash$   |          | $\vdash$      | -  | _            | ┢            | $\vdash$      |              | Н   |
| _            | 130   | $\vdash$   |          | -             | <del> </del>                                     | $\vdash$     | ⊢            | -             | -            | H   |
| <u> </u>     | 132   | H  |          |               |  |              | -            |               | _            | ╌┤  |
|              | 132   | Н  |          | <u> </u>      | _  | _            | <u> </u>     |               | ⊢            | <del>  </del>                                 |
| <u> </u>     | 133   |  |          | <u> </u>      | ļ  | <u> </u>     | <u> </u>     | <u> </u>      | <u> </u>     | Щ   |
| <u> </u>     | 134   |  | _        | <u> </u>      | <u> </u>   |              | <u> </u>     | L             |              | Ш   |
|              | 133<br>134<br>135   |  |          | L             | L  | $oxed{oxed}$ | $oxed{oxed}$ | L             |              | Ш   |
| L            | 136<br>137<br>138   |  | L        | L             | L  | L            | L            | L             | L            | $oxed{oxed}$                                  |
|              | 137   |  |          |               |  |              |              |               |              |   |
|              | 138   |  |          |               |  |              |              |               |              | П   |
|              | 139   | П  | Ι        |               | $\vdash$   |              | T            |               |              | М   |
|              | 139<br>140  | Н  | Ι        | $\vdash$      | <del>                                     </del> | <u> </u>     | $\vdash$     | _             | $\vdash$     | H   |
| $\vdash$     | 141   | $\vdash$   |          | -             | $\vdash$   | $\vdash$     | $\vdash$     | -             | $\vdash$     | Н   |
|              |   | -  | _        | ⊢             | $\vdash$   | -            | ├            | $\vdash$      | $\vdash$     | $\vdash \vdash$                               |
| <u> </u>     | 142   |  | <u> </u> | ├             | ├  | <u> </u>     | $\vdash$     | <u> </u>      | <u> </u>     | Н   |
| ļ            | 143   | Щ  |          | <u> </u>      | <u> </u>   | L.           | <u> </u>     | <u> </u>      | <u> </u>     | Ш   |
|              | 144   |  |          |               | L  |              | L            | L             | $oxed{oxed}$ | Ш   |
|              | 145   |  | L        |               |  |              |              |               |              | <u>                                      </u> |
|              | 146   |  |          |               |  |              |              |               |              |   |
|              | 147   | П  |          | $\Box$        |  |              | Г            |               | Г            | П   |
|              | 148   | <del>                                     </del> | $\vdash$ | $\vdash$      | $\vdash$   | $\vdash$     | Ι-           | <del> </del>  | $\vdash$     | H   |
| <u> </u>     | 149   | H  |          | $\vdash$      | -  |              | $\vdash$     | $\vdash$      | $\vdash$     | $\vdash\vdash\vdash$                          |
|              |   | $\vdash$   | _        | ⊢             | L  | <u> </u>     | $\vdash$     | ļ             | <del> </del> | Щ   |
|              | 150   |  |          | ŀ             |  |              |              |               |              |   |